

Serial No. To Be Assigned
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Applicant: Frederik Johannes Beekman Examiner: To be assigned
Serial No.: To be assigned Group Art Unit: To be assigned
Filed: 2/12/2004 Docket No.: 00601.0384-US-I1
Title: A METHOD OF OBTAINING A TOMOGRAPHIC IMAGE

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The undersigned hereby certifies that this Transmittal Letter and the paper or fee, as described herein, are being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Commissioner for Patents, Alexandria, VA 22313-1450.

By: 
Brenda L. Jurgens

PRELIMINARY AMENDMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Please enter the following preliminary amendment into the above-referenced application.

ABSTRACT

Please amend the abstract as follows: Marked up copy in Annex A.

A method of obtaining a tomographic image of part of an animal or a part of an animal including a human being or a part of a human being by using radioactive radiation is disclosed. The animal is at least partly placed into a measuring cavity having an axial axis. The measuring cavity being at least partially surrounded by a cavity wall which is provided with a plurality of pinholes, and behind the pin holes (as viewed from the measuring cavity or lumen) detection means are placed. A radioactive radiation from a radioactive isotope administered to the animal is detected in a position-related manner by the detection means and data obtained with the detection means are used for the generation of the tomographic image.